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NOTICE OF ALLOWANCE AND FEE(S) DUE

23696 759n 01/06/2011 QUALCOMM INCORPORATED 5775 MOREHOUSE DR.

SAN DIEGO, CA 92121

09/931.469

EXAMINER JUNTIMA, NITTAYA PAPER NUMBER ARTHMU 2462

DATE MAILED: 01/06/2011

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR

Rajiv Laroia TITLE OF INVENTION: OFDM COMMUNICATIONS METHODS AND APPARATUS

08/16/2001

ATTORNEY DOCKET NO. CONFIRMATION NO 060542 2998

APPLN, TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1510 \$300 \$0 \$1810 04/06/2011

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

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I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown

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If the SMALL ENTITY is shown as NO:

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II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

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INSTRUCTIONS: This appropriate. All further c indicated unless correcte maintenance fee notificat	form should be used to correspondence including d below or directed off ions.	or transmitting the ng the Patent, advar nerwise in Block 1,	ISSUE ice orde by (a)					
CURRENT CORRESPONDE	Note Fee(pape have	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.						
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APPLICATION NO.	FILING DATE		FI	RST NAMED INVENTOR		ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
09/931,469	09/931.469 08/16/2001		Rajiv Laroia			060542		
TITLE OF INVENTION:								
APPLN, TYPE	SMALL ENTITY	ISSUE FEE DUE	P	UBLICATION FEE DUE	PREV. PAID ISSUE	FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510		\$300	\$0		\$1810	04/06/2011
EXAMI	INER	ART UNIT		CLASS-SUBCLASS				
JUNTIMA, I	JUNTIMA, NITTAYA			370-210000				
"Fee Address" indi- PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME AN	ondence address (or Cha /122) attached. cation (or "Fee Address 2 or more recent) attact ND RESIDENCE DAT. css an assignee is ident in 37 CFR 3.11. Comp	inge of Corresponder Indication form and. Use of a Custon A TO BE PRINTED	ner ON TH gnee da		3 registered paten ely, 2 firm (having as a gent) and the name neys or agents. If a printed. e) ttent. If an assignerassignment.	membes of u	er a 2p to p to lee is 3	cument has been filed for
Please check the appropri	ate assignee category or	categories (will not	be print	ted on the patent):	Individual 🚨 Co	rporati	on or other private gro	up entity 🚨 Government
4a. The following fee(s) a Issue Fee Publication Fee (No	o small entity discount p	permitted)		Payment of Fee(s): (Plea A check is enclosed. Payment by credit can The Director is hereby overpayment, to Depo	f. Form PTO-2038 authorized to char	is atta	ched. required fee(s), any def	
	SMALL ENTITY state	is. See 37 CFR 1.27.		☐ b. Applicant is no long				
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Authorized Signature					Date			
Typed or printed name					-			
This collection of informs an application. Confident submitting the completed this form and/or suggestic Box 1450, Alexandria, Vi Alexandria, Virginia 2231	ation is required by 37 C iality is governed by 35 application form to the ons for reducing this bu irginia 22313-1450. DO (3-1450.	CFR 1.311. The infor U.S.C. 122 and 37 USPTO. Time will rden, should be sent O NOT SEND FEES	mation CFR 1.1 vary do to the C OR CC	is required to obtain or r 14. This collection is est epending upon the indiv hief Information Office DMPLETED FORMS TO	etain a benefit by the imated to take 12 r idual case. Any co r, U.S. Patent and THIS ADDRESS	ne pub ninute: mment Trader . SEN	ic which is to file (and to complete, including s on the amount of tin nark Office, U.S. Depa D TO: Commissioner f	by the USPTO to process, g gathering, preparing, and ee you require to complete riment of Commerce, P.O. or Patents, P.O. Box 1450

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/931,469	08/16/2001	Rajiv Laroia	060542	2998	
23696 7.	590 01/06/2011		EXAMINER		
QUALCOMM II	NCORPORATED	JUNTIMA, NITTAYA			
5775 MOREHOU		ART UNIT	PAPER NUMBER		
SAN DIEGO, CA	92121	2462			

DATE MAILED: 01/06/2011

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 569 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 569 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Application No. Applicant(s) 09/931.469 LAROIA ET AL. Notice of Allowability Evaminer Art Unit NITTAYA JI INTIMA 2462 -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--All claims being allowable. PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. This communication is responsive to RCE filed on 12/15/2010. 2. X The allowed claim(s) is/are 1-13, 27-31, 36-37, 14-19, 32, 20-21, 33, 22-23, 34, 24-26, 35, and 39-48; renumbered as 1-47, respectively. 3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). b) \(\Pi \) Some* c) \(\Pi \) None of the: 1. Certified copies of the priority documents have been received. 2. Gertified copies of the priority documents have been received in Application No. _____. 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). * Certified copies not received: . . Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. CORRECTED DRAWINGS (as "replacement sheets") must be submitted. (a) Including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) hereto or 2) to Paper No./Mail Date (b) I including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d). 6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. Attachment(s) 1. Notice of References Cited (PTO-892) 5. Notice of Informal Patent Application 2. Notice of Draftperson's Patent Drawing Review (PTO-948) Interview Summary (PTO-413). Paper No./Mail Date Information Disclosure Statements (PTO/SB/08). 7. T Examiner's Amendment/Comment Paper No./Mail Date 4. T Examiner's Comment Recording Requirement for Deposit €. ☐ Exeminer's Statement of Geasons for Allowange. of Biological Material 9. Cother /Nittaya Juntima/ Primary Examiner, Art Unit 2462